



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

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SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: G. R. Perfetti, P. E.
State Bridge Design Engineer

DATE: June 15, 2007

SUBJECT ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS

Effective with the October 2007 letting, the policy for Adhesive Anchor systems has been revised to require field testing for most applications of adhesively bonded anchor bolts or dowels. The number of bolts or dowels to be tested will depend on the location of the anchor and the nature of its loading.

Design Manual section 12-4 and Figure 12-11 have been revised and are attached for your use in determining the level of testing requirements required for various applications. A new project special provision, "Adhesively Anchored Anchor Bolts or Dowels" has been added to the lineup and is attached.

The Design Manual and Standard Notes will be updated at a later date.

GRP/TKK/snj

Attachments

[Design Manual Section 12-4](#)

[Design Manual Figure 12-11](#)

[PSP No. 46 \(DOC\) \(PDF\)](#)

cc: R. V. Keith, P. E., with attachments
R. A. Raynor, Jr., P. E., with attachments
E. C. Powell, Jr., P. E., Attn: M. S. Robinson, P. E., with attachments
J. H. Emerson, P. E., with attachments
T. S. Drda, P. E., FHWA, with attachments
R. D. Rochelle, P. E., with attachments